

According to Addendum 2 of the December 2015 VI mitigation WP:

If methane is detected at GP-2 at > the LEL (5 percent methane),

- adjacent USEPA nested soil gas probes (GP-2 (remaining intervals) and GP-7) and on-Site landfill gas probes (“GP-2 area probes”: GP12 09, GP23-13, GP24A-13, and GP24B-13), are immediately sampled.
- any GP-2 area soil gas probe where methane values are greater than 100 percent LEL (5 percent methane) will be sampled weekly.
- The detection of methane at a level greater than 100 percent of the LEL (5 percent methane) at any on Site GP-2 area soil gas probe for two consecutive rounds indicates methane detections may be Site related, and will result in soil gas screening and/or sampling of utility corridors adjacent to the gas probe(s) in exceedance (see below for sampling techniques).
- The detection of methane at GP-2 area probes at a level less than 100 percent of the LEL (5 percent methane) will require monthly sampling in accordance with the tiered sampling plan detailed in Table 2.1.

July 21, 2016 - GP-2 (12') (16') had methane >LEL. Methane was not detected at site area soil gas probes (GP-7, GP-12, GP22-13, GP23-13, GP24A-13, and GP24B-13).

July 29, 2016 - second round of methane monitoring. What was found at GP-2? Methane was not detected at site area soil gas probes.

August 5, 2016 -

August 12, 2016 -

August 19, 2016 –

Continued weekly readings. Summa canister samples were collected on Friday at 12' & 16'. They will be in the lab today. In the mean time they will do the weekly sampling. Other probes are zero methane. We're going to see compounds in the summa canister. They're doing TO-15, a VOC list as well as methane. They're going to get a methane concentration and an indication of other VOCs present. There could be a predominance of BTEX seen, that might give some information. We know what the USTs held – oil, gasoline, antifreeze. Results will come in in about 3 weeks.

OEPA's main concern is with preferential pathways along buried utility line. Do we have buried utilities?

Do we know if the utilities are on the west, east or both sides of Dryden? Storm and sanitary sewers. We don't know where the utility corridors are.

Steve isn't a big fan of punch bar. Not going to reach 12-16' with a 3' punch bar.

They will put in a call to city of Moraine tomorrow and find out if utility corridor info is available.